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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GROUP 340

Applicant: John Lester Hughes

Examiner: A. DAVIS JR.

Serial No.: 07/980,680

Filed: NOVEMBER 24, 1992

ART UNIT: 3407

For: SYSTEM FOR SUBSTRATE COOLING
IN AN EVACUATED ENVIRONMENT

Honorable Commissioner of Patents and Trademarks
Washington, D. C. 20231

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D. C. 20231 ON MAY 20, 1993

AMENDMENT

Stanley Z. Cole
STANLEY Z. COLE

Dear Sir:

In response to the Office Action dated February 22, 1993, kindly
amend this application as follows:

Add the following abstract:

SA

A method and apparatus are disclosed using a combination of convection and conduction cooling to cool an article in an evacuated environment. A processing chamber is used which includes at least one heat sink. A flat surface of the article to be cooled is positioned within the chamber in a spaced apart facing parallel relationship to a facing surface of the heat